

# SikaCor® VEL

## DECLARATION OF PERFORMANCE

### No. 37966553

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	37966553
2	<b>INTENDED USE/S:</b>	Surface protection products – Coating Regulation of the moisture balance (2.2) Resistance to chemicals (6.1) Increasing electrical resistance (8.2)
3	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich Switzerland
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	EN 13813: System 4 (for internal uses)  EN 13813: System 3 (for reaction to fire)
6a	<b>HARMONISED STANDARD:</b>	EN 1504-2:2004
	Notified body/ies:	0921 1508

#### Declaration of Performance

SikaCor® VEL

37966553

12.03.2020 ver 2

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**DECLARED PERFORMANCE/S**

Tested as a part of a system build-up with SikaCor® VE Lösung, SikaCor® VE Härter and SikaCor® VE Mehl

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Linear shrinkage:	NPD	System 2+	
Compressive strength:	NPD	System 2+	
Thermal expansion coefficient:	NPD	System 2+	
Abrasion resistance (Taber test):	< 3000 mg	System 2+	
Cross cut:	NPD	System 2+	
Permeability to CO <sub>2</sub> :	s <sub>D</sub> > 50m	System 2+	
Water vapor permeability:	Class III	System 2+	
Capillary absorption and permeability to water:	w < 0,1 kg/(m <sup>2</sup> x h <sup>0,5</sup> )	System 2+	
Thermal compatibility:	NPD	System 2+	
Resistance to thermal shock	NPD	System 2+	
Chemical resistance:	NPD	System 2+	EN 1504-2:2004
Resistance to severe chemical attack <sup>1)</sup> :	Class II	System 2+	
Crack bridging ability:	NPD	System 2+	
Impact resistance:	Class III	System 2+	
Adhesion strength by pull off test:	≥ 2,0 (1,5) <sup>2)</sup> N/mm <sup>2</sup>	System 2+	
Reaction to fire:	E <sub>fi</sub>	System 3	
Skid resistance:	NPD	System 2+	
Artificial weathering:	NPD	System 2+	
Antistatic behavior:	NPD	System 2+	
Adhesion on wet concrete:	NPD	System 2+	
Release of dangerous substances:	NPD	System 2+	

<sup>1)</sup> Please refer to the Sikafloor Chemical Resistance Chart

<sup>2)</sup> The value in brackets is the lowest accepted value of any reading.

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**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -  
SPECIFIC TECHNICAL DOCUMENTATION**

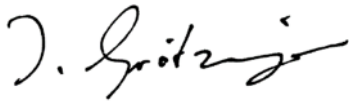
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The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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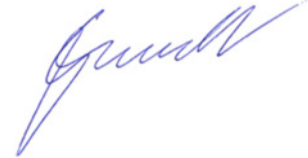
Name : Jochen Grötzinger  
Function: Research and  
Development  
Stuttgart, 12.03.2020



Name : Volker Zeh  
Function: Marketing  
Stuttgart, 12.03.2020



Name : Dr. Heinz Ehardt  
Function: Quality control  
Stuttgart, 12.03.2020



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End of information as required by Regulation (EU) No 305/2011





EN 1504-2:2004

DoP No. 37966553

Sika Services AG, Zürich, Switzerland

Notified Body 0921, 1508

Surface protection products – Coating:  
Regulation of the moisture balance (2.2)  
Resistance to chemicals (6.1) Increasing electrical resistance (8.2)

Abrasion resistance (Taber test):	< 3000 mg
Permeability to CO <sub>2</sub> :	s <sub>D</sub> > 50m
Water vapor permeability:	Class III
Capillary absorption and permeability to water:	w < 0,1 kg/(m <sup>2</sup> x h <sup>0,5</sup> )
Resistance to severe chemical attack:	Class II
Impact resistance:	Class III
Adhesion strength by pull off test:	≥ 2,0 (1,5)N/mm <sup>2</sup>
Reaction to fire:	E <sub>fl</sub>

<http://dop.sika.com>

## ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sikas recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

## FOR FURTHER INFORMATION:

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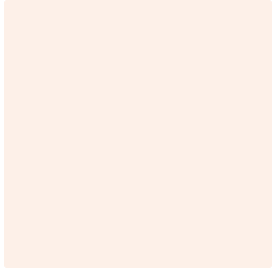
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